SONY

PlayStation 2

Instruction Manual

SCPH-77002
SCPH-77003

PAL

Before using this product, carefully read this manual and retain it for future reference.

2-697-297-**21**(1)

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To prevent fire or shock hazard, do not place a container filled with liquids on top of the console.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

Caution

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

The use of optical instruments with this product will increase eye hazard.

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

This appliance is classified as a CLASS 1 LASER product under IEC60825-1: 2001.

This equipment has been tested and found to comply with the limits set out in the EMC Directive using a connection cable shorter than 3 metres (9.8 feet).

Read carefully before operating your PlayStation®2 console

A few people may experience epileptic seizures when viewing flashing lights or patterns in our daily environment. These persons may experience seizures while watching TV or playing video games, including DVD-Videos or games played on the PlayStation®2 console. Players who have not had any seizures may nonetheless have an undetected epileptic condition. Consult your physician before operating the PlayStation®2 console if you have an epileptic condition or experience any of the following symptoms while watching TV programs or playing video games: altered vision, muscle twitching, other involuntary movements, loss of awareness of your surroundings, mental confusion, and/or convulsions.

Some PlayStation® or PlayStation®2 format software titles may perform differently on this console than they do on previous PlayStation®2 or PlayStation® consoles, or may not perform properly on this console. For more information, visit our Web site at www.playstation.com

NOTICE FOR CUSTOMERS IN THE UNITED KINGDOM

A moulded plug complying with BS1363 is fitted to this equipment for your safety and convenience.

Should the fuse in the plug supplied need to be replaced, a 5 AMP fuse approved by ASTA or BSI to BS1362, (i.e., marked with ⓐ or ♡ mark) must be used.

If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover. If you should lose the fuse cover, please contact the appropriate PlayStation® customer service helpline which can be found within every PlayStation® and PlayStation®2 format software manual.



Where you see this symbol on any of our electrical products or packaging, it indicates that the relevant electrical product should not be disposed of as general household waste in Europe. To ensure the correct waste treatment of the product, please dispose of it in accordance with any applicable local laws or requirements for disposal of electrical equipment. In so doing, you will help to conserve natural resources and improve standards of environmental protection in treatment and disposal of electrical waste.

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Precautions

This product has been designed with the highest concern for safety. However, any electrical device, if used improperly, has the potential for causing fire, electrical shock or personal injury. To help ensure accident-free operation, follow these guidelines:

- Observe all warnings, precautions and instructions.
- Stop use and unplug the AC power cord from the electrical outlet immediately if the device functions in an abnormal manner or produces unusual sounds or smells.
- Contact the appropriate PlayStation® customer service helpline which can be found within every PlayStation® and PlayStation®2 format software manual if the device does not operate properly.

Safety

- Do not remove the console exterior or disassemble the console. The laser beam emitted from the lens of this unit may be harmful to the eyes.
- Do not use the console near water.
- Keep the console and all connecting cords and cables out of the reach of children.
- Do not touch the plug of the AC power cord with wet hands.
- Do not touch the console or connected accessories during an electrical storm.
- Do not touch the console or AC adaptor for extended periods of time while the console is turned on as extended contact may cause low-temperature burns.
- Do not place the console and connected accessories on the floor or in a place where they may cause persons walking by to trip or stumble.
- Adjust the settings of the DVD player according to the instructions provided before playing a DVD. If the settings are not correct, a loud sound may be emitted, possibly injuring your ears or damaging the speakers.
- Do not touch a disc while it is spinning as personal injury or damage to the disc may result.
- Do not close the disc cover in a way that could pinch your hand or fingers as personal injury or damage to the console may result.

Health

- Stop using the console immediately if you experience any of the following symptoms. If the condition persists, consult a doctor.
 – Lightheadedness, nausea, or a sensation similar to motion sickness
 – Tired, uncomfortable or aching hands or arms
 – Tired, dry or aching eyes
- When operating the unit, play in a well-lit room and keep a safe distance from the TV screen.
- Avoid prolonged use of the console. Take a break of about 15 minutes during every hour of play.
- Do not use the console when you are tired or short of sleep.
- Listening to sound continuously for a long time with a high volume may adversely affect the ears. Be careful especially when using headphones. Adjust the volume so that surrounding sounds can be heard.

Use and handling

- Do not throw or drop the console or accessories, or expose them to strong physical shock.
- Do not place the console or accessories on surfaces that are unstable, tilted or subject to vibration.
- Do not expose the console or accessories to high temperatures, high humidity or direct sunlight (use in an environment where temperatures range from 5 °C to 35 °C).
- Do not place the console or accessories in locations subject to sudden temperature change (for example, changes of 10 °C per hour or more).
- Do not leave the console or accessories in a car with its windows closed (particularly in summer).
- Do not place the console in locations of poor ventilation such as small, enclosed areas, directly against a wall or on a thick carpet or bedding.
- Do not expose the console to dust, smoke or steam. This can cause the console to malfunction.
- Do not allow liquid or small particles to get into the console.
- Do not put any objects on the console.
- Do not touch or insert foreign objects into the connectors of the console or accessories.
- Do not place the console close to magnetic fields produced by magnets or loudspeakers.
- Do not set the console other than in the vertical or horizontal position. When placing in the vertical position, use the Vertical Stand (for PlayStation®2) (sold separately) that is compatible with this console. Also, do not change the position while the console is turned on.

AC adaptor and AC power cord use

- To help ensure safe operation, regularly inspect the AC adaptor and AC power cord. If damaged, stop use immediately and contact the appropriate PlayStation® customer service helpline which can be found within every PlayStation® and PlayStation®2 format software manual.
- Do not use a power cord other than the supplied AC adaptor and AC power cord.
- Check that there is no dust or lint on the power plug before inserting into an electrical outlet. If the plug becomes dirty, wipe it off with a dry cloth before connecting.
- Unplug the AC power cord from the electrical outlet before cleaning or moving the console, or when you do not intend to use the console for an extended period of time. When disconnecting, grasp the power cord by the plug and pull straight out of the electrical socket. Never pull by the cord and do not pull out at an angle.
- Do not connect the AC adaptor and/or AC power cord to a voltage transformer or inverter.

Notes on safety when using the Analog Controller (DUALSHOCK®2)*

- Stop using the console immediately if you begin to feel tired or if you experience discomfort or pain in your hands or arms while operating the Analog Controller (DUALSHOCK®2). If the condition persists, consult a doctor.
- The Analog Controller (DUALSHOCK®2) is intended for use with the hands only. Do not bring it into contact with your head, face or the bones of any other part of the body.
- The vibration function of the Analog Controller (DUALSHOCK®2) can aggravate injuries. Do not use the vibration function if you have any ailment or injury to the bones, joints or muscles of your hands or arms. Note that some PlayStation®2 and PlayStation® format software titles set the vibration function to "On" by default. In most cases, the vibration function can be set to "Off" in the options menu of the software. Do not play such titles using the Analog Controller (DUALSHOCK®2) unless you have set the vibration function to "Off".
- Avoid prolonged use of the Analog Controller (DUALSHOCK®2). Take a break at about 30-minute intervals.

* These notes also apply to other controllers.

Connecting with a network cable

Do not connect network cables or telephone cords of the following types to the network connector:

- Standard residential telephone lines
- Network cables not appropriate for use with a 10Base-T/100Base-TX network
- Any ISDN (digital) compatible phone or data line
- PBX phone lines
- Other "unknown" types of telephone lines

Disc handling

- Do not touch the disc surface when handling a disc; hold it by the edges.
- Do not stick paper or tape onto discs and do not write on discs.
- Fingerprints, dust, dirt or scratches on the disc can distort the picture or reduce sound quality. Always handle carefully and make sure discs are clean before use.
- Do not leave discs near a heat source, in direct sunlight or in high humidity.
- Store discs in their cases when not in use - scratched and damaged discs will not function correctly.
- Clean discs using a soft cloth, lightly wiping from the centre outwards. Do not use solvents such as benzine, commercially available cleaners not intended for CDs or anti-static spray intended for vinyl LPs.
- Do not leave a disc in the console when moving or changing the position of the console.
- Do not use irregularly shaped discs (for example, heart- or star-shaped discs) or damaged, re-shaped or repaired discs.

Never disassemble the console or supplied accessories

Use the PlayStation®2 console and accessories according to the instructions in this manual. No authorisation for the analysis or modification of the console, or the analysis and use of its circuit configurations, is provided. There are no user-serviceable components inside the PlayStation®2 console. Disassembling the console will void the guarantee. Additionally, there is a risk of exposure to laser radiation as well as to electrical shock hazards.

When connecting the console to a plasma or projection* TV

Do not leave a still image on the TV screen for an extended period of time, as this may leave a faint image permanently on the screen.

* Except LCD screen types

Note on safety when playing DVDs or CDs

If you set the volume too high, it may harm your hearing or damage the speakers. Exercise care when setting the volume.

Moisture condensation

If the console or disc is brought directly from a cold location to a warm one, moisture may condense on the lens inside the console or on the disc. Should this occur, the console may not operate properly. In this case, remove the disc and turn off and unplug the console. Do not put the disc back in until the moisture evaporates (this may take several hours). If the console still does not operate properly, contact the appropriate PlayStation® customer service helpline which can be found within every PlayStation® and PlayStation®2 format software manual.

Cleaning

- For safety reasons, before cleaning the console or connected accessories, 1) turn off the console, 2) disconnect the power plug for the console from the electrical outlet, and 3) remove the network cable from the network connector.
- When cleaning the console, use a soft, dry cloth. Do not use paint thinner, solvents, other chemicals or a chemically-treated dust cloth to clean the product.
- When dust accumulates in the console vents, remove the dust with a low-powered vacuum cleaner.
- Do not touch the lens located inside the disc cover. To help protect the lens from dust, keep the disc cover closed except when inserting or removing discs.

Exterior protection

To help prevent damage to the painted parts, follow the precautions below:

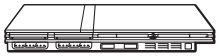
- Do not spill liquids such as alcohol, benzine, paint thinner or other chemicals on the product.
- Do not place any rubber, vinyl or plastic items on the painted surfaces for an extended period of time.

Getting started

Checking the package contents

Check that you have all of the following items. If any items are missing, contact the appropriate PlayStation® customer service helpline which can be found within every PlayStation® and PlayStation®2 format software manual.

☐ PlayStation®2 console...1



☐ AC adaptor...1



☐ AC power cord...1



(supplied with SCPH-77002)



(supplied with SCPH-77003)

☐ Analog Controller (DUALSHOCK®2)...1



☐ AV Cable (integrated audio/video)...1



☐ Euro-AV connector plug (supplied with SCPH-77003)...1



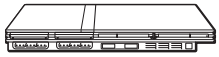
☐ Instruction Manual...1

Positioning the console

You can place the console in either the horizontal or vertical position.

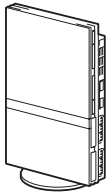
Horizontal position

Set the console horizontally.



Vertical position

When setting the console in the vertical position, use the SCPH-70110 E Vertical Stand (for PlayStation®2) (sold separately).



Note

Some Vertical Stands (for PlayStation®2) cannot be used with this model of the PlayStation®2 console (••▶ page 46). Choose the SCPH-70110 E when purchasing a Vertical Stand.

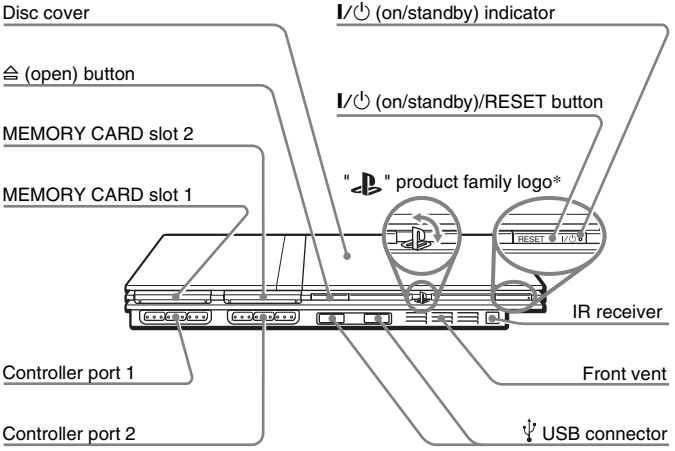
Caution

Do not place the console in locations where it may be exposed to the following conditions:

- Places subject to excessive cigarette smoke or dust. Cigarette smoke residue or dust build-up on the internal components, such as the lens, may cause the console to malfunction.
- Places subject to extreme temperatures, in direct sunlight, near a heat source, or in a car with its windows closed (particularly in summer). These conditions may warp the exterior of the console or cause the console to malfunction.
- Places close to magnetic fields, such as those produced by magnets or loudspeakers.
- Places subject to vibration.

Part names

PlayStation®2 console front

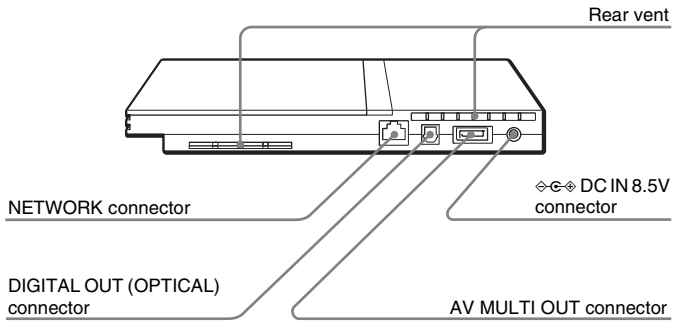


* The " " product family logo can be rotated to match the horizontal or vertical positioning of the console.

Note

You can connect USB devices that are compatible with the PlayStation®2 console. Note, however, that not all USB-compatible products work with the PlayStation®2 console. Refer to the instructions supplied with the device to be connected for more information.

PlayStation®2 console rear



Note

For part names of the Analog Controller (DUALSHOCK®2), see "Using the Analog Controller (DUALSHOCK®2)" (••▶ page 17).

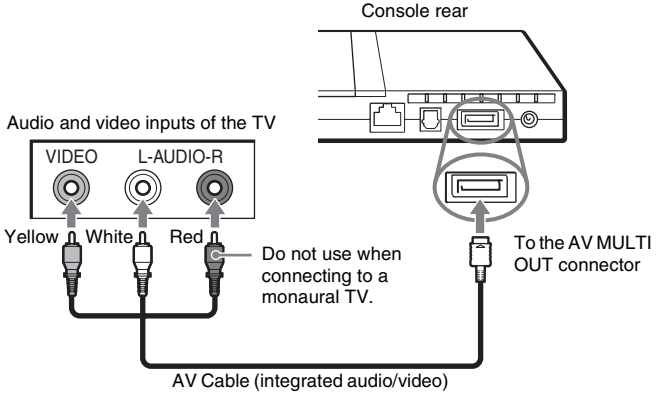
Connecting to a TV

Before connecting

- Do not plug the AC power cord for the console into the electrical outlet until you have made all other connections.
- Check that the TV is turned off.

Connecting to a TV using the supplied AV Cable

Connect the console to the TV as shown below.



Caution

If you display a still image on a plasma or projection* TV screen for an extended period of time, "ghosting" may occur. This is a characteristic of these types of TVs. Static, non-moving images, such as console setting menus, DVD menus or paused images, may leave a faint image permanently on the TV screen if left on for an extended time. Refer to the instructions supplied with your TV for details.

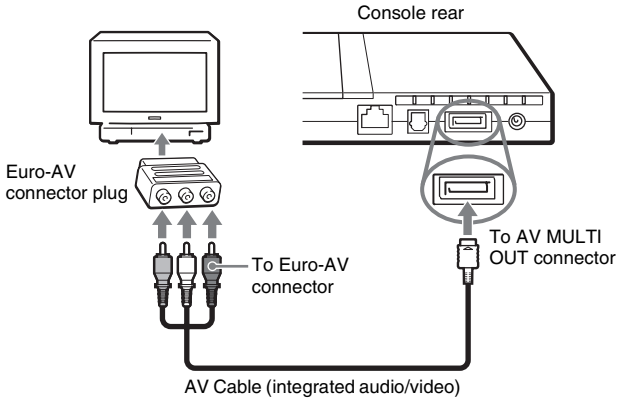
* Except those of LCD screen types

Note

The console can be connected to a VCR or an integrated TV/VCR. Note, however, that if you play a DVD with copy-protection encryption, picture quality may be reduced.

Connecting to a TV with a Euro-AV connector using the Euro-AV connector plug (SCPH-77003)

Connect your PlayStation®2 console to the Euro-AV connector (SCART) on the TV using the Euro-AV connector plug and AV Cable (integrated audio/video), making sure you match the colour-coded plugs of the AV Cable to the matching jacks of the connector plug.



After connecting

Set your TV to the appropriate video input mode. Refer to the Instruction Manual of your TV.

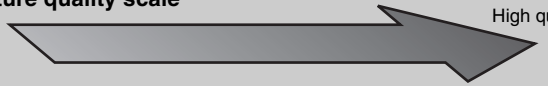
When using cables sold separately

Picture quality differs depending on the type of cable used. Use the information below to determine the best connection method.

If you use a cable sold separately, refer to the instructions supplied with the cable.

TV	Cable type
A TV with S VIDEO inputs	S VIDEO Cable (SCPH-10060 E)
A TV without video inputs	RFU Adaptor (SCPH-10072 C) (for SCPH-77002) RFU Adaptor (SCPH-10072 B) (for SCPH-77003)
A TV with Euro-AV (SCART) connector	Euro-AV Cable (SCPH-10142) (for SCPH-77003)
A TV with component video input connectors	Component AV Cable (for PlayStation®2) (SCPH-10100 E)

Picture quality scale



■ AV Cable (supplied) ■ S VIDEO Cable ■ Component AV Cable

■ RFU Adaptor

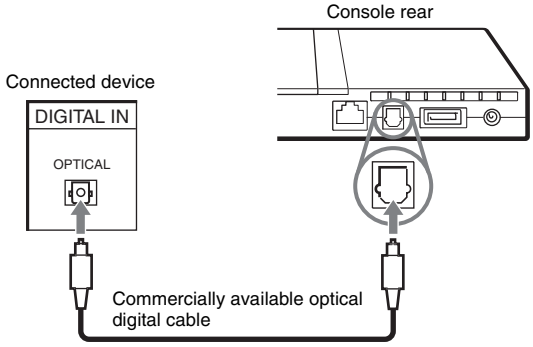
This scale is intended only as a reference. Depending on the product or condition of your TV, the picture quality may be different.
When using the Euro-AV Cable, picture quality may vary depending on your TV's AV connection.
For optimum picture quality, connect your Euro-AV cable to an RGB-compatible socket on your TV. Refer to the instructions supplied with your TV for details.

Notes

- The DVD player's progressive scan mode is only available when playing a disc recorded in NTSC format, and viewed on a TV that supports progressive scan (480p).
- You cannot connect the console to a TV with component video inputs that are exclusively for HDTV use (Y PB PR). Refer to the instructions supplied with your TV for details.

Connecting digital audio equipment

By using a commercially available optical digital cable, you can enjoy surround sound with the effect of being in a movie theatre or a concert hall. When connecting the console to audio equipment with digital connectors, refer to the instructions supplied with the device to be connected.

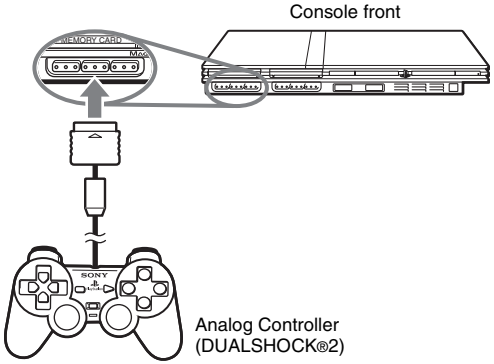


Notes

- If you connect the console to audio equipment using an optical digital cable, it may affect the audio output of some PlayStation®2 format software with the result that no sound is produced. If this happens, use a cable such as the supplied AV Cable (integrated audio/video) and connect it to the console's AV MULTI OUT connector. Do not use an optical digital cable.
- After connecting digital audio equipment, set "Digital Out (Optical)" to "On" in the System Configuration menu. For details, see "Digital Out (Optical)" (••▶ page 37).

Connecting the controller

1 Insert the Analog Controller (DUALSHOCK®2) into a controller port of the console.



Note

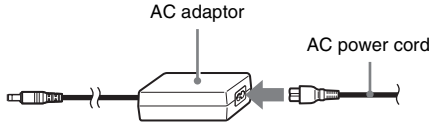
Some software titles designate a specific controller port to be used. Refer to the instructions supplied with the software for details.

Connecting the AC adaptor and AC power cord

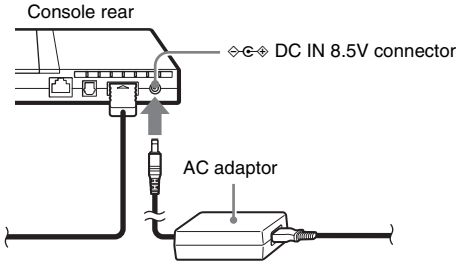
⚠ Warnings

- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Do not plug the AC power cord for the console into the electrical outlet until you have made all other connections.

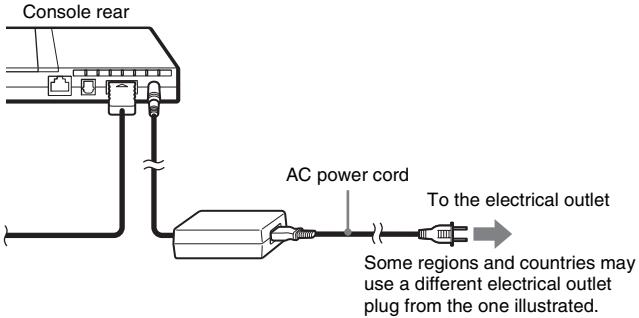
1 Connect the AC power cord to the AC adaptor.



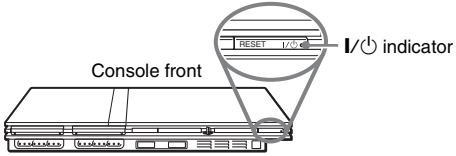
2 Plug the connector of the AC adaptor into the ⟐⟐⟐ DC IN 8.5V connector on the console rear.



3 Plug the AC power cord into the electrical outlet.



The I/⏻ (on/standby) indicator on the console front will light up in red to indicate that the console is in standby mode.



Turning the console on and off

Before turning on the console

Do not turn on the console until you have finished these steps. Refer to the instructions supplied with your TV for details.

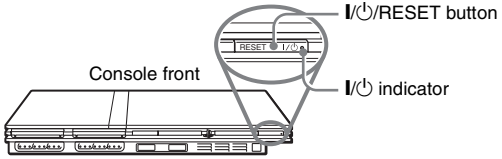
- Turn on the TV.
- Change your TV setting to display output from the line to which the console is connected.

Turning on the console

1 Check that the I/⏻ (on/standby) indicator on the console front is lit up in red.

2 Press the I/⏻ (on/standby)/RESET button on the console front.

The I/⏻ indicator on the console front will turn green and output from the console will be displayed on the TV.



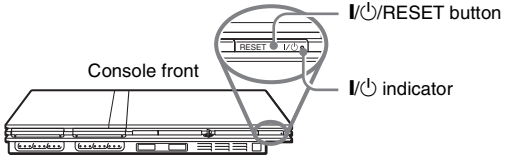
Notes

- The first time you turn on the console after purchase, screens for setting "Language", "Time Zone" and "Daylight Savings Time (Summer Time)" will be displayed. Follow the on-screen instructions to complete the settings.
- If you connect the console to a wide-screen TV, set "Screen Size" in the System Configuration menu (••▶ page 37).

Turning off the console

1 Press and hold the I/⏻/RESET button on the console front for more than a second.

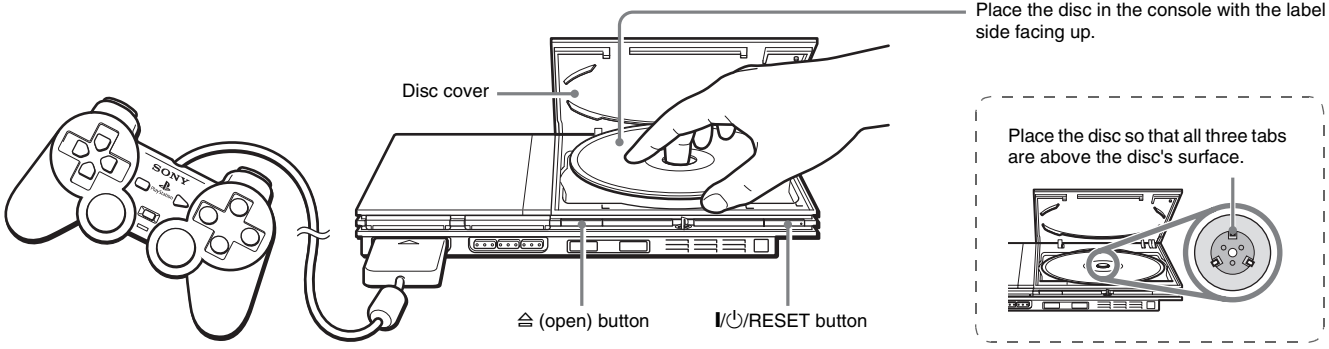
The I/⏻ indicator will turn red to indicate that the console has entered standby mode.



⚠ **Warning**

The power is not completely turned off when the console is in standby mode. If you do not plan to use the console for an extended period of time, unplug the AC power cord from the electrical outlet.

Playing a game



Before playing a game

Check that the connections to the TV and audio equipment are correct and that the precautions have been met.

- "Precautions" (•• page 4)
- "Connecting to a TV" (•• page 9)
- "Connecting the controller" (•• page 12)
- "Connecting the AC adaptor and AC power cord" (•• page 13)

Note

To play online games, you first need to connect to and set up a network. See "Connecting to a network" (•• page 42) for details.

Starting a game

1 Turn on the console (•• page 14).

The main menu is displayed (•• page 35).

2 Press the ⏏ (open) button on the console front.

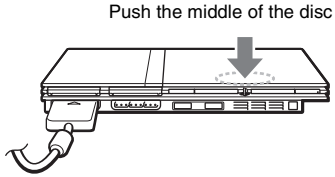
The disc cover opens.

3 Place the disc in the console.

Set the disc in the disc holder with the label side facing up.

4 Close the disc cover.

Push the middle of the disc cover. After the disc cover is closed, the game will start.



Notes

- You can also start a game from the Browser screen (••▶ page 35).
- If you turn on the console after inserting a disc, the game will start automatically.

To reset a game

Press the I/⏻ (on/standby)/RESET button on the console front. Do not accidentally press the I/⏻/RESET button while playing a game, as doing so will cause the game to reset.

Ending a game

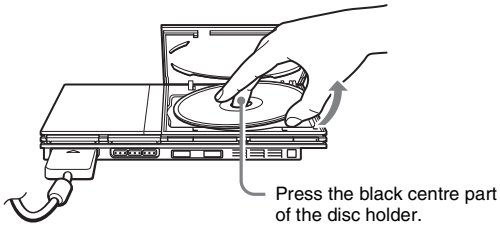
Caution

When removing a disc, check that the disc has stopped completely. Do not touch the disc if it is spinning, as doing so may cause injury, damage to the disc or console malfunction.

1 Press the ⏏ button on the console front.

2 Remove the disc.

Hold down the black centre part of the disc holder, and then lift the disc by the edges.



3 Close the disc cover.

4 Press the I/⏻/RESET button.

The main menu is displayed (••▶ page 35).

Changing game discs

1 Open the disc cover and remove the disc.

When removing a disc, hold down the black centre part of the disc holder and then lift the disc by the edges.

2 Insert a new disc.

3 Close the disc cover and reset the console.

The new game will start.

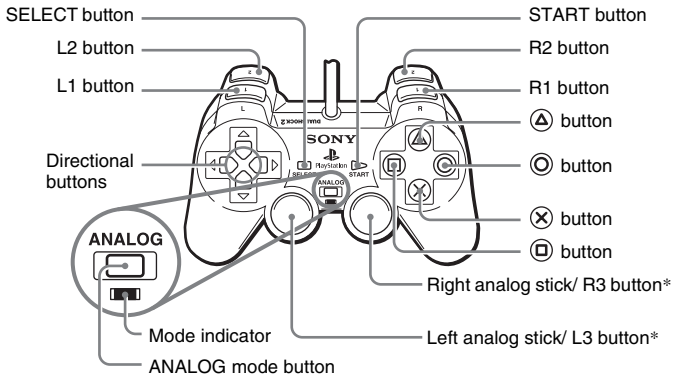
Note

You do not need to turn off the console when changing games.

Using the Analog Controller (DUALSHOCK®2)

The Analog Controller (DUALSHOCK®2) is equipped with a pressure-sensitive button function. It also has a vibration function.

Part names

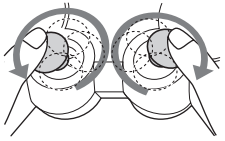


* The left and right analog sticks, or the L3 and R3 buttons, function only in analog mode (indicator: red).

* The L3 and R3 buttons function when the analog sticks are pressed.

Note

Before using the Analog Controller (DUALSHOCK®2), with the console turned on, rotate the left and right analog sticks once with your thumbs before starting a game. Do not twist the analog sticks, but rotate as if drawing a circle as shown in the diagram.



About mode switching

The ANALOG mode button can be used to switch between two modes. Switch to the appropriate mode for use. Note, however, that some software titles make this adjustment automatically.

Digital mode (indicator: off)	⟷	Analog mode (indicator: red)

Notes

- When using the Analog Controller in digital mode, the left and right analog sticks do not function. Also, the pressure-sensitive button function is turned off.
- Depending on the software, you may not be able to switch modes even if you press the ANALOG mode button.

About analog controls

- When playing a PlayStation®2 format software title, you can use all buttons in analog mode except for the START, SELECT, L3 and R3 buttons.
- When playing a PlayStation® format software title, only the left and right analog sticks can be used in analog mode.

Note

Depending on the software, the buttons for use in analog mode may be limited. Refer to the instructions supplied with the software for details.

About the vibration function

The vibration function can be set to ON or OFF in the software options menu.

Note

Depending on the software, the vibration function may be set to "On" automatically.

About using the Analog Controller (DUALSHOCK®) (SCPH-110 E)

You can use the Analog Controller (DUALSHOCK®) (SCPH-110 E) with the PlayStation®2 console, but the functions of the buttons in analog mode may be different from those of the Analog Controller (DUALSHOCK®2). Only the left and right analog sticks can be used in analog mode.

Note

Not all PlayStation®2 format software titles support the use of the Analog Controller (DUALSHOCK®) (SCPH-110 E). The Analog Controller (DUALSHOCK®2) should be used in such cases.

Using Memory Cards

You can save and load game data using a Memory Card. You can also delete game data or copy game data from one Memory Card to another.

About Memory Card types

There are two types of Memory Cards. Select a Memory Card suitable for the software in use.

Memory Card type	Compatible software	Amount of memory
Memory Card (8MB) (for PlayStation®2) (SCPH-10020 E)	PlayStation®2 format software	Approx. 8 MB
Memory Card (SCPH-1020 E)	PlayStation® format software	15 memory blocks (approx. 120 KB)

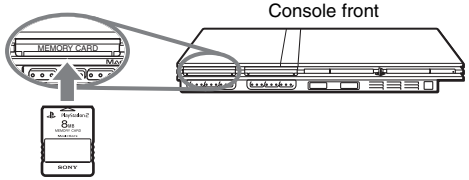
Note

The Memory Card (8MB) (for PlayStation®2) uses "MagicGate", a technology that helps protect copyrighted content through data encryption and hardware authentication.

MAGICGATE is a term of copyright protection technology developed by Sony Group.
MAGICGATE does not guarantee compatibility with other products bearing the "MagicGate" trademark.

Inserting a Memory Card

Insert the Memory Card into a MEMORY CARD slot on the console front.



Note

Some software titles designate a specific MEMORY CARD slot to use. Refer to the instructions supplied with the software for details.

Saving or loading game data

Depending on the software, the procedure for saving or loading may vary. Refer to the instructions supplied with the software for details.

Copying or deleting game data

1 At the Browser screen (··▸ page 35), use the directional buttons to select the icon for the Memory Card you want to use for copying or deleting data and then press the ⊗ button.

2 Select the icon for the data you want to copy or delete, and then press the ⊗ button.

3 Select "Copy" or "Delete", and then press the ⊗ button.

When copying game data, check that two Memory Cards are inserted in the console. If you have selected "Delete", skip to step 5.

4 Select the destination, and then press the ⊗ button.

5 Select "Yes", and then press the ⊗ button.

While copying or deleting data, do not remove the Memory Cards.

6 When copying or deleting is completed, press the ◎ button.

Notes

- To view information about a game data item, select the icon for the data and then press the △ button to check the details.
- Compatibility between software and Memory Cards:
 - You cannot save or copy PlayStation®2 format software to a Memory Card (SCPH-1020 E).
 - You cannot save PlayStation® format game data to a Memory Card (8MB) (for PlayStation®2). You can, however, copy PlayStation® format game data from a Memory Card (SCPH-1020 E) to a Memory Card (8MB) (for PlayStation®2) for storage purposes. Note that such game data cannot be loaded directly from a Memory Card (8MB) (for PlayStation®2).

Playing an audio CD

Playing a CD

1 Turn on the console and insert the disc (•• page 15).

Follow steps 1 to 4 of "Starting a game".

The track numbers are displayed.

2 Using the directional buttons, select the track number you want to play and then press the ⊗ button.

Playback begins.

Notes

- If you turn on the console after inserting a disc, the track numbers are displayed automatically.
- You can also start playback from the Browser screen (•• page 35).

Caution

To play an audio CD recorded in DTS format, you must connect a device with a DTS decoder to the DIGITAL OUT (OPTICAL) connector (•• page 12). Note that an extremely loud noise may be emitted if the device does not have a DTS decoder or if it is connected to the AV MULTI OUT connector.

Operating the CD player during playback

Using the directional buttons, select the icon for the desired track and then press the ⊗ button.

Icon (button*)	Function
⏮ (L1 button)	Go to the beginning of the current or previous track
◀◀ (L2 button)	Fast reverse
▶▶ (R2 button)	Fast forward
⏭ (R1 button)	Go to the beginning of the next track
▶ (START button)	Start playback
❚❚ (START button)	Pause playback
■ (SELECT button)	Stop playback

* You can operate directly by pressing the buttons of the Analog Controller (DUALSHOCK®2).

Note

You can also use the DVD Remote Control (for PlayStation®2) (sold separately).

Ending audio CD playback

1 Using the directional buttons, select ■ and then press the ⊗ button.

Playback stops. Press the ⏏ (open) button on the console front to remove the disc.

Playing in various modes

You can set for "Play Mode" and "Repeat".

Play Mode	Normal	Plays tracks as recorded on the CD
	Program	Plays tracks in a specified order
	Shuffle	Plays tracks in a random order
Repeat	Off	Does not play the CD repeatedly
	All	Plays all tracks repeatedly
	1	Plays a track repeatedly

1 At the Browser screen (··▸ page 35), use the directional buttons to select the audio CD icon and then press the △ button.

The Play Options screen is displayed.

2 Select "Play Mode" or "Repeat", and then press the ⊗ button.

3 Select the desired setting, and then press the ⊗ button.

If you select "Program", the screen for specifying track order will be displayed. Select the tracks you want to play.

4 Press the ○ button.

The Browser screen is displayed.

5 Select the audio CD icon, and then press the ⊗ button.

The track numbers are displayed, and the setting option is shown in the lower left of the screen.

6 Select the desired track, and then press the ⊗ button.

Playback begins.

Notes

- You can also access the Play Options screen from the screen displaying the tracks by selecting the Audio CD icon in the upper left corner of the screen and pressing the △ button.
- You can set "Play Mode" and "Repeat" at the same time.

DVDs

Watching a DVD

You can operate the DVD player using the following methods.

- Using the on-screen Control Panel
- Operating directly using the Analog Controller (DUALSHOCK®2)
- Using the DVD Remote Control (for PlayStation®2) (sold separately)

The following instructions assume use of the Control Panel to operate the DVD player. Some operations may be different depending on the method used.

Notes

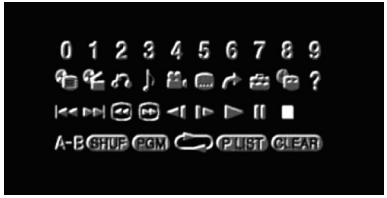
- For details about playing a DVD, refer to the instructions supplied with the DVD.
- The PlayStation®2 console plays disc content as recorded in the DVD software. Note that not all features are available on all DVDs.

Using the Control Panel

1 Start playback of the DVD (··▸ page 24).

2 Press the SELECT button.

The Control Panel is displayed. If you press the SELECT button again, the display will change its position on the screen.



3 Using the directional buttons, select an icon and then press the ⊗ button.

Note

To turn off the Control Panel, press the SELECT button (once or twice), or press the ◎ button.

Control Panel item list

You can access the following options in the Control Panel.

Icon		Function
	Menu	Displays the DVD-Video menu
	Top Menu	Displays the DVD-Video menu

Icon		Function
	Return	Returns to the previously selected screen within the DVD's menu
	Audio Options	Displays and changes audio options on DVDs with multiple audio tracks
	Angle Options	Displays and changes viewing angles on DVDs recorded with multi-angle options
	Subtitle Options	Displays and changes subtitle options on DVDs with subtitle options
	Go To	Skips to the selected title, chapter or the specified time, and starts playback (••▶ page 24)
	Setup	Displays and changes options for language, picture quality, Parental Control level, audio, etc. (••▶ page 28)
	Time Display	Displays the current title or chapter number, the elapsed time, etc. (••▶ page 25)
?	Help	Displays the direct button functions of the Analog Controller (DUALSHOCK®2)
0~9	Go to Chapter	Used to enter the number of a chapter you want to play (••▶ page 24)
⏮/⏭	Previous/Next	Returns/skips to the beginning of the current, previous or next chapter
⏪ / ⏩	Search	Fast reverses/forwards playback on the screen to help you find a particular scene (••▶ page 25)
◀❚/❚▶	Slow	Changes to playback/reverse playback in slow-motion

Icon		Function
▶	Play	Starts playback
❚❚	Pause	Pauses playback
■	Stop	Stops playback (••▶ page 24)
A-B	A-B Repeat	Specifies a scene for playback, and starts playback of the scene that has been set (••▶ page 27)
SHUF	Shuffle Play	Begins playback of titles or chapters in a random order (••▶ page 27)
PGM	Program Play	Begins playback of titles or chapters in a programmed sequence (••▶ page 26)
	Repeat Play	Selects repeated playback of all the titles on the disc, or one title or one chapter (••▶ page 27)
P LIST	Original/Play List	For DVD-RW discs (VR mode), selects Original or Play List content to play (••▶ page 26)
CLEAR	Clear	Clears selected numbers or playback modes (••▶ page 28)

Notes

- You can use "?" to check the options that can be accessed directly using the buttons of the Analog Controller. To access the options directly using the controller, you must clear the Control Panel from the screen.
- Depending on the playback mode, some options may not be available or cannot be adjusted.

Playing a DVD

1 Turn on the console and insert a disc (↠ page 15).

Follow steps 1 to 4 of "Starting a game". Playback begins.

Notes

- If you turn on the console after inserting a disc, playback will begin automatically.
- You can also start playback from the Browser screen (↠ page 35).

Ending DVD playback ■

1 During playback, select ■ in the Control Panel (↠ page 22) and then press the ⊗ button.

Playback stops. Press the ⏏ (open) button on the console front, and then remove the disc.

Playing a DVD from the last stopping point (Resume Play)

1 During playback, select ■ in the Control Panel (↠ page 22) and then press the ⊗ button.

2 Select ►, and then press the ⊗ button.

Playback begins from the point where you stopped the disc in step 1.

To clear Resume Play

After step 1, select ■ and then press the ⊗ button.

Selecting a specific scene for playback

Selecting a scene by chapter number

1 During playback, select the desired chapter number in the Control Panel (↠ page 22) and then press the ⊗ button.

Playback of the selected chapter begins. If you want to play a chapter with a single digit number (i.e. 1-9), enter a leading zero. For example, enter as "01".

Selecting a scene by title number, chapter number or by specifying the time

1 During playback, select ↷ in the Control Panel (↠ page 22) and then press the ⊗ button.

2 Select an item, and then press the ⊗ button.

Title	Specifies the title number
Chapter	Specifies the chapter number
C XX:XX:XX (or T XX:XX:XX)	Specifies the elapsed time for the chapter (or title)

3 Select the numbers for the desired scene, and then press the ⊗ button.

Playback of the selected chapter begins.

Finding a particular point on a DVD (Search)

You can search either forwards or backwards to quickly locate a particular point on a DVD.

1 During playback, select ◄◄ or ►► in the Control Panel (→ page 22) and then press and hold the ⊗ button.

Search speed changes as shown below when you press either the up or down directional button while holding down the ⊗ button.

- Search 3
- Search 2
- Search 1
- Slow

2 Release the ⊗ button when you reach the point you are searching for.

Playback returns to normal speed.

Note

To use the Analog Controller to Search during playback, press and hold down the L2 or R2 button to begin searching. Use the directional buttons to change speeds. Release the L2 or R2 button when you reach the point you are searching for.

Displaying playback information

You can display information such as the current title number or elapsed time.

1 During playback, select in the Control Panel (→ page 22) and then press the ⊗ button.

The display changes as shown below each time you press the ⊗ button.

Title X Chapter X	Title number and chapter number
Title X Chapter X C XX:XX:XX	Elapsed time of current chapter
Title X Chapter X C - XX:XX:XX	Remaining time of current chapter
Title X Chapter X T XX:XX:XX	Elapsed time of current title
Title X Chapter X T - XX:XX:XX	Remaining time of current title
(Off)	

Selecting Original or Play List for DVD-RW playback P LIST

When using a DVD-RW disc (VR mode), you can select the type of titles you want to play.

1 With playback stopped, select P LIST in the Control Panel (•• page 22) and then press the ⊗ button.

Original and Play List will be selected in turn each time you press the ⊗ button.

Original	Plays content in the originally recorded sequence
Play List	Plays edited content. Play List is the default setting.

Notes

- Slow-motion play in reverse is not available for DVD-RW discs (VR mode).
- You cannot use this function with Resume Play. Clear Resume Play (•• page 24) before selecting this feature.

Using the playback modes

Using the various playback modes, you can play titles or chapters in the order you want or repeat playback of a specific scene. There are four playback modes:

- Program Play (•• page 26)
- Shuffle Play (•• page 27)
- Repeat Play (•• page 27)
- A-B Repeat (•• page 27)

The following instructions assume use of the Control Panel (•• page 22) to operate the DVD player.

Notes

- You can play combinations of Program Play, Shuffle Play, and Repeat Play. Note, however, that some Shuffle Play or Repeat Play options may not be available depending on the combination.
- The PlayStation®2 console plays disc content as recorded in the DVD software.

Program Play PGM

You can create programmes to play titles and chapters in any order.

1 During playback, select PGM in the Control Panel (•• page 22) and then press the ⊗ button.

2 Select a programme number, and then press the ⊗ button.

If no programmes have been set, the only option will be "1. Title".

3 Select the title number, and then press the ⊗ button.

4 Select the chapter number, and then press the ⊗ button.

To play all the chapters, select "All". Repeat steps 2 to 4 to set other titles or chapters.

5 Press the START button.

Program Play begins.

Note

The setting will not be cleared after Program Play finishes.

Shuffle Play SHUF

You can set this option for random playback of all titles or chapters recorded on a disc. Playback order will be different each time Shuffle Play is used.

1 Select SHUF in the Control Panel (↠ page 22), and then press the ⊗ button.

The display changes as shown below each time you press the ⊗ button.

Title Shuffle	Plays titles in random order
Chapter Shuffle	Plays chapters in random order
Shuffle Off	Clears Shuffle Play

2 Select ►, and then press the ⊗ button.

Repeat Play

You can set this option to play titles or chapters repeatedly.

1 Select in the Control Panel (↠ page 22), and then press the ⊗ button.

The display changes as shown below each time you press the ⊗ button.

Disc Repeat	Repeats playback of all titles
Title Repeat	Repeats playback of one title
Chapter Repeat	Repeats playback of one chapter
Repeat Off	Clears Repeat Play

2 Select ►, and then press the ⊗ button.

A-B Repeat A-B

You can set a specific scene to be played repeatedly.

1 During playback, select A-B in the Control Panel (↠ page 22) and then press the ⊗ button at the point you want to start repeated playback.

The starting point (point A) is set.

2 Press the ⊗ button at the point you want to end repeated playback.

The ending point (point B) is set, and repeated playback of the section from A to B begins.

Clearing playback modes CLEAR

Clears playback modes to allow normal playback.

1 Select CLEAR in the Control Panel (↔ page 22), and then press the ⊗ button.

A message stating, "Play mode contents cleared", is displayed and the console returns to normal playback.

Note

If multiple playback modes have been set in a combination, all playback modes are cleared.

Adjusting DVD player settings

You can use the Control Panel to adjust DVD player settings, such as the language for subtitles, audio language, and Parental Control level.

Notes

- Some DVDs do not support all settings. The PlayStation®2 console plays disc content as recorded in the DVD software. If the DVD does not support the features listed, you will not be able to change the settings.
- The following options are not available during playback or Resume Play (↔ page 24). Clear Resume Play before changing these settings.
 - "Menu", "Audio" and "Subtitles" in Language Setup
 - "TV Type" and "Progressive" in Screen Setup
 - "Parental Control" in Custom Setup
 - "DTS" and "Audio Track Auto Select Mode" in Audio Setup

You can change DVD player settings using the following procedure:

1 Select in the Control Panel (↔ page 22), and then press the ⊗ button.

The Setup icon bar is displayed.

2 Select the icon for the setting you want to change, and then press the ⊗ button.

The current setting for each item is displayed.

3 Select the desired item, and then press the ⊗ button.

The menu option becomes active and can be selected.

4 Select the desired setting, and then press the ⊗ button.

The setting of the item is completed. For details, see the instructions for each item (↔ pages 29 to 34).

Notes

- The default setting for each menu item is underlined in the explanations below.
- To return to the Control Panel after making settings, press the SELECT button.
- Settings are saved when you do any of the following:
 - Stop playback (including stopping Resume Play)
 - Open the disc cover

Setting language options

In "Language Setup" you can choose the language for the DVD's menu, audio and subtitles. Note that if you select a language that is not recorded on the DVD, one of the recorded languages is selected automatically.

Menu	Selects the language for the DVD's menu
Audio	Selects the language for the DVD's audio track
Subtitles	Selects the language for the DVD's subtitles

Note

If you select "Audio Follow" for subtitles, the subtitle language will automatically be set to match the language selected for the DVD's audio track.

Setting TV display options

In the Screen Setup menu, you can set the screen size (aspect ratio) and other options that affect picture quality.

TV Type

You can set the aspect ratio to match the screen of the connected TV.

16:9 	Select this option when using a wide-screen TV or a standard TV with special 16:9/wide-screen functionality.
4:3 Letter Box 	Select this option when using a standard TV. This setting displays a wide picture with margins on the upper and lower portions of the screen.
4:3 PAN SCAN 	Select this option when using a standard TV. This setting displays a picture adjusted to the height of the screen, cutting off portions at left and right that do not fit.

Note

When you set "Progressive" to "On", "TV Type" is automatically set to "16:9".

DNR (Digital Noise Reduction)

You can use this setting to help reduce roughness in the on-screen image and produce a cleaner picture.

Off	DNR is not used.
DNR1	Increases picture quality
DNR2	Increases picture quality (maximum)

Notes

- "DNR2" is more effective for reducing image roughness than "DNR1", but in some cases an afterimage may appear. If this occurs, select "Off".
- The DNR function may produce limited results on some DVDs.
- When you set "Progressive" to "On", "DNR" is automatically turned off and cannot be turned on.

Outline Sharpening

You can sharpen or soften the outline of the on-screen image. The higher the value, the sharper the outline. Normally, select "0".

• -2	• -1	• 0	• +1	• +2

Note

Depending on the DVD, Outline Sharpening may produce limited results.

Display

During playback, you can display playback status information in the top right corner of the screen for a few seconds.

On	Playback status information is displayed for a few seconds.
Off	Playback status information is not displayed.

Progressive

You can display an image in which the picture updates all the lines in one pass. In most cases, this results in a clearer, flicker-free image. This feature is available only if your TV and AV Cable* support progressive scan (480p).

* The Component AV Cable (for PlayStation®2) (sold separately) is compatible with progressive scan.

On	Select this option when the console is connected to a TV that supports progressive scan (480p).*
Off	Select this option when the console is connected to a standard TV.

* The DVD player's progressive scan mode is only available when playing a disc recorded in NTSC format, and viewed on a TV that supports progressive scan (480p).

Notes

- If picture quality is reduced or no image is displayed, set "Progressive" to "Off" when the console is connected to a TV without the necessary equipment. If you accidentally set this option to "On" for such a TV, picture quality may be reduced or the picture may not be displayed. To clear the setting, follow these steps:
 1. Check that you have a DVD in the console.
 2. Press the I/⏻ (on/standby)/RESET button on the console front. Then press and hold down the START button of the Analog Controller (DUALSHOCK®2) in controller port 1 until the DVD picture is displayed. The "Progressive" setting is returned to "Off", allowing the DVD-Video to be displayed as normal. You can also cancel this setting using the "Clear Progressive Setting" (••▶ page 40) option in the Version Information screen.
- DVDs can contain video-based and film-based material, which use different frame rates. When playing video-based material using progressive scan, some images may appear unnatural. If this occurs, set "Progressive" to "Off" and view in standard interlace mode.
- When you set "Progressive" to "On", "TV Type" (••▶ page 29) is automatically set to "16:9".

• DVD-RW disc (VR mode) content can only be viewed in standard interlace format. The "Progressive" option is not available when playing such content.

Setting viewer options

Pause mode

You can use this option to set the picture status when playback is paused.

Auto	A picture with moving elements is displayed without jitter. Normally select this position.
Frame	A picture without moving elements can be displayed at high resolution.

Parental Control

In some regions, the viewing of some DVD content may be restricted based on viewer age or other factors. You can use the Parental Control feature to restrict the level of content that may be viewed through your console.

The lower the value, the stricter the restriction.

Setting Parental Control

1 Select "Parental Control", and then press the ⊗ button.

The screen for registering a password is displayed. If a password has already been registered, the screen for confirming the password is displayed.

2 Select a number, and then press the ⊗ button.

Repeat step 2 to enter a four-digit password. If you want to clear a number, press the ○ button. When registering a password, you are required to enter it again for confirmation.

3 Select "Region", and then press the ⊗ button.

The list of region options is displayed.

4 Select the region to base the Parental Control level on, and then press the ⊗ button.

If you select "Other", see "Region code list" (↠ page 32).

5 Select "Level", and then press the ⊗ button.

The list of level options is displayed.

6 Select a restriction level, and then press the ⊗ button.

To clear Parental Control

With DVD playback stopped, go to step 6 in "Setting Parental Control" and set "Level" to "Off".

Region code list

To enter a Parental Control region code, select "Other" in step 4 of "Setting Parental Control" (••▶ page 31). Use the directional buttons to select the first letter, and then press the right directional button. Then select the next letter and press the ⊗ button.

Region	Code	Region	Code
Austria	AT	Malaysia	MY
Belgium	BE	Netherlands	NL
Canada	CA	Norway	NO
China	CN	Philippines	PH
Denmark	DK	Russia	RU
Finland	FI	Singapore	SG
France	FR	Spain	ES
Germany	DE	Sweden	SE
Hong Kong	HK	Switzerland	CH
Indonesia	ID	Taiwan	TW
Italy	IT	Thailand	TH
Japan	JP	United Kingdom	GB
Korea	KR		

Changing your password

In step 2 of "Setting Parental Control" (••▶ page 31), complete the following steps:

1 Using the directional buttons, select "Change Password" and then press the ⊗ button.

The screen for changing the password is displayed.

2 Select a number, and then press the ⊗ button.

Repeat step 2 to enter a four-digit password. You are required to enter it again for confirmation.

Playing a disc restricted by Parental Control

1 Start playback of the DVD (••▶ page 24).

You will be prompted to temporarily change the Parental Control level to allow playback. This usually occurs immediately at disc start-up but may also occur at different times depending on the DVD.

2 Using the directional buttons, select "Yes" and then press the ⊗ button.

The screen for entering the password is displayed.

3 Select a number, and then press the ⊗ button.

Repeat step 3 to enter the four-digit password. After entering the password, playback will begin again. When DVD playback is stopped, the Parental Control level returns to the original setting.

Notes

- If you forget your password, see "Troubleshooting" (••▶ page 53).
- If you do not set a password, you cannot change the Parental Control settings.
- Some DVDs with the Parental Control feature do not allow use of playback modes (••▶ pages 26 to 27).

Setting sound options

Audio Digital Out

You can switch the method of outputting the audio signal when you connect the following audio devices to the DIGITAL OUT (OPTICAL) connector.

Caution

When the console is connected to an audio device without a Dolby Digital, DTS or MPEG decoder, set "Dolby Digital", "DTS" and "MPEG" to "Off". If you set these options to "On" without the necessary decoder, you may have no sound or an extremely loud noise may be emitted.

Digital Out (Optical)

This option sets the type of output for the DIGITAL OUT (OPTICAL) connector.

On	Select this option when you want sound (audio signal) to be output through the DIGITAL OUT (OPTICAL) connector. Settings for "Dolby Digital", "DTS" and "MPEG" are displayed.
Off	Select this option when you do not want sound to be output through the DIGITAL OUT (OPTICAL) connector. Settings for "Dolby Digital", "DTS" and "MPEG" are not displayed.

Dolby Digital

This option sets Dolby Digital as the output signal for the DIGITAL OUT (OPTICAL) connector.

On	Select this option when the console is connected to an audio device with a built-in Dolby Digital decoder.
Off	Select this option when the console is connected to an audio device without a built-in Dolby Digital decoder.

DTS

This option sets DTS as the output signal for the DIGITAL OUT (OPTICAL) connector.

On	Select this option when the console is connected to an audio device with a built-in DTS decoder.
Off	Select this option when the console is connected to an audio device without a built-in DTS decoder.

MPEG

This option sets MPEG AUDIO as the output signal for the DIGITAL OUT (OPTICAL) connector.

On	Select this option when the console is connected to an audio device with a built-in MPEG decoder.
Off	Select this option when the console is connected to an audio device without a built-in MPEG decoder.

Audio Track Auto Select Mode

This setting gives priority to the audio track that contains the highest number of channels when you play a DVD on which multiple audio formats (PCM, Dolby Digital, DTS or MPEG) are recorded. If PCM, Dolby Digital, DTS and MPEG have the same number of channels, the console selects PCM, Dolby Digital, DTS and MPEG audio tracks in that order.

On	Priority given
Off	No priority given

Notes

- If you set "DTS" to "Off" in "Audio Digital Out" (••▶ page 33), the DTS audio track is not played.
- Depending on the DVD, the audio channel with priority may be predetermined. In this case, the audio track will be selected based on the DVD's order of priority.

DVD Volume

You can set this option if the audio output level of the DVD is low. You can set this only when "Digital Out (Optical)" is set to "Off" in "Audio Digital Out" (••▶ page 33).

+2	Turns up the volume (maximum)
+1	Turns up the volume
Standard	Normally select this option.

Caution

If you set this option to "+1" or "+2", the sound may become distorted. If this happens, change the setting to "Standard". Also note that if you set the volume too high, it may harm your hearing or damage the speakers.

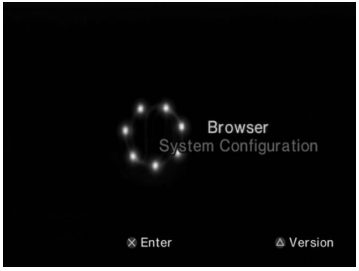
Displaying the main menu

From the main menu, you can access information and change various settings. You can also move to the following screens from the main menu. The main menu is displayed when you turn on the console without a disc inserted.

- Browser screen (••▶ page 35)
- System Configuration menu (••▶ page 36)
- Version Information screen (••▶ page 39)

1 Turn on the console (••▶ page 14).

The main menu is displayed. Note that it may take some time for the main menu to be displayed.



Note

If you turn on the console with a disc inserted, the main menu will not be displayed. To display the main menu, press the ⏏ (open) button on the console front and remove the disc. Then press the I/⏻ (on/standby)/RESET button to reset the console.

Using the Browser screen

You can do the following from the Browser screen:

- Copy or delete game data saved on a Memory Card
- Start a game
- Start playback of an audio CD
- Start playback of a DVD

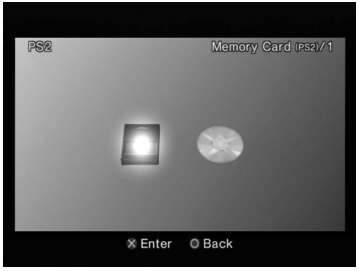
1 Display the main menu (••▶ page 35).

2 Using the directional buttons, select "Browser" and then press the ⊗ button.

The Browser screen is displayed.

3 Insert a disc or Memory Card.

the inserted item is displayed on the Browser screen.



4 Select an icon, and then press the ⊗ button.

- When you select the Memory Card icon, icons for data saved on the Memory Card are displayed. To copy or delete saved game data, see "Copying or deleting game data" (↔ page 19).
- If you select the icon for a PlayStation®2 or PlayStation® format software disc, the game will start.
- When you select the icon for an audio CD disc, the tracks contained on the CD are displayed. See "Playing an audio CD" (↔ page 20).
- If you select the icon for a DVD disc, playback of the DVD will begin.

Note

The message "There is no data" is displayed on the Browser screen when no Memory Card or disc is inserted in the console.

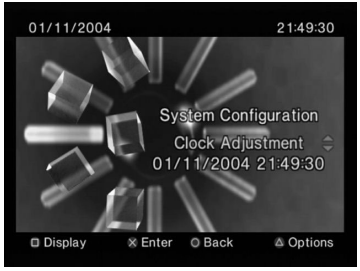
Using the System Configuration menu

From the System Configuration menu, you can change settings for numerous options including language or time display, and audio or video output method.

1 Display the main menu (↔ page 35).

2 Using the directional buttons, select "System Configuration" and then press the ⊗ button.

The System Configuration menu is displayed.



3 Select an item, and then press the ⊗ button.

The menu option becomes active and can be selected.

4 Select the desired setting, and then press the ⊗ button.

For details, see the instructions for each menu item (↔ pages 37 to 38).

Notes

- The default setting for each menu item is underlined in the explanations below.
- Changes to each setting are saved and remain in effect even after you turn off or reset the console.

Clock Adjustment

You can set the date and time. Use the directional buttons to set "Year", "Month", "Day", "Hour", "Minute" and "Second". The setting goes into effect when you press the ⊗ button.

Optional settings

If you press the △ button at the "Clock Adjustment" screen, you can set options such as "Date Format" or "Time Format". Use the directional buttons and the ⊗ button to make each setting.

Time Format	Sets the system clock to either 12-hour or 24-hour clock display
Date Format	Sets the display order of year, month and day
Time Zone	Sets the time zone
Daylight Savings Time	Sets Standard or Daylight Savings (Summer Time). Normally select "Standard".

Screen Size

You can set the display mode for the TV.

4:3	Select this option when using a standard TV with the console.
Full*	Select this option when using a standard TV with the console. The black margins on the upper and lower portions of the screen are cut off.
16:9	Select this option when using a wide-screen TV or a standard TV with special 16:9/wide-screen functionality.

* "Full" display mode is compatible with the System Configuration menu, Browser screen and audio CD screen.

Digital Out (Optical)

You can set whether to output the signal through the DIGITAL OUT (OPTICAL) connector.

On	Select this option when you want to output signal through the DIGITAL OUT (OPTICAL) connector.
Off	Select this option when you do not want to output signal through the DIGITAL OUT (OPTICAL) connector.

Component Video Out

When using the Component AV Cable (for PlayStation®2) (sold separately), you must set the mode to match the input jacks on your TV.

Y Cb/Pb Cr/Pr	Select this option when connecting the console to component video input connectors (default setting for SCPH-77002).
RGB	Select this option when connecting the console to RGB input connectors (default setting for SCPH-77003).

Note

The "RGB" setting is only for PlayStation®2 and PlayStation® format software. When you watch a DVD, the mode automatically switches to "Y Cb/Pb Cr/Pr".

Remote Control

You can set this option when using the DVD Remote Control (for PlayStation®2) (sold separately).

Gameplay Function On	Select this option when operating PlayStation®2 or PlayStation® format software with the DVD Remote Control.
Gameplay Function Off	Select this option when not operating PlayStation®2 or PlayStation® format software with the DVD Remote Control.

Note

The following limitations apply when the DVD Remote Control is set to "Gameplay Function On":

- Depending on the software, some remote control buttons may not work properly.
- The buttons of the DVD Remote Control will not work when two or more buttons are pressed at the same time.
- Some software titles may stop operating properly when a controller is removed from controller port 1. If this happens, set to "Gameplay Function Off".

Language

You can use this option to select the language displayed on the main menu, Browser screen, System Configuration menu, and Version Information screen.

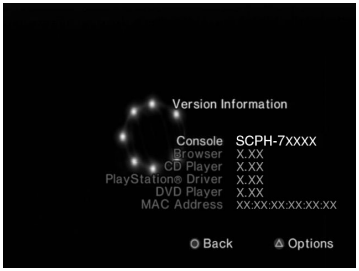
English	Displays messages in English
French	Displays messages in French
Spanish	Displays messages in Spanish
German	Displays messages in German
Italian	Displays messages in Italian
Dutch	Displays messages in Dutch
Portuguese	Displays messages in Portuguese

Using the Version Information screen

You can check version information for various console components by selecting this option. You can also change optional settings for some items.

1 At the main menu (↔ page 35), press the △ button.

The Version Information screen is displayed.



Optional settings

Optional settings are available for "Console", "PlayStation® Driver" and "DVD Player". "DVD Player" can be set only if the DVD player's "Progressive" option is set to "On".

1 Using the directional buttons, select an item and then press the △ button.

The current setting for the item is displayed.

2 Select an item, and then press the ⊗ button.

The available options are displayed.

3 Select the desired setting, and then press the ⊗ button.

For details, see the instructions for each item (↔ pages 39 to 41).

Note

The default setting for each menu item is underlined in the explanations below.

Console

The PlayStation®2 console automatically adjusts its internal settings for optimal playback. When "Diagnosis" is set to "On", the console makes additional adjustments.

Diagnosis

Off	Diagnosis is turned off.
On	Diagnosis is turned on.

Note

The "Diagnosis" setting will automatically return to the default setting in the following cases:

– When playback of PlayStation®2 or PlayStation® format software or a DVD begins
– When the console is reset
– When the console is turned off

PlayStation® Driver

You can set the PlayStation® Driver programme to optimise performance of PlayStation® format software.

Note

The settings will automatically return to the default settings in the following case:

– When the console is turned off

Disc Speed

Standard	Loads discs at normal speed
Fast	Loads discs at high speed

Note

Set to "Standard" in the following cases:

– When fast loading does not produce improved results

– When using a software that is not compatible with fast loading

Texture Mapping

Standard	Displays as normal
Smooth	Displays with reduced roughness in on-screen images

Note

Set to "Standard" in the following cases:

– When smooth texture mapping does not produce improved results

– If the picture does not display properly when set to "Smooth"

DVD Player

If you set "Progressive" to "On" when the console is connected to a TV without the necessary equipment, the picture quality may be reduced or the picture may not be displayed. You can clear the "Progressive" setting by following the procedure below.

Remove the DVD before clearing the setting.

Clear Progressive Setting

No	Leaves the "Progressive" setting on
Yes	Clears the "Progressive" setting

1 Display the Version Information screen.

2 Using the directional buttons, select "DVD Player" and then press the △ button.

The "Clear Progressive Setting" option is displayed.

3 Press the ⊗ button.

4 Select "Yes", and then press the ⊗ button.

5 Press the ○ button twice.

The display returns to the main menu.

6 Press the ⏏ (open) button on the console front, and place a DVD in the console.

7 Close the disc cover.

Playback begins.

Note

The setting will not be cleared if 1) you do not start a DVD after step 4 or 2) you reset or turn off the console before step 6.

Connecting to a network

You can enjoy online games by connecting the PlayStation®2 console to a broadband network. To play all online games, you will need the following:

- A Network Access Disc (supplied separately)
- A Memory Card (8MB) (for PlayStation®2) (sold separately)
- A service contract with a Broadband Internet Service Provider (sold separately)
- An Ethernet Cable (sold separately)
- An External Network Device such as a Broadband enabled digital set-top box, a cable modem, an ADSL modem or a router (sold separately)

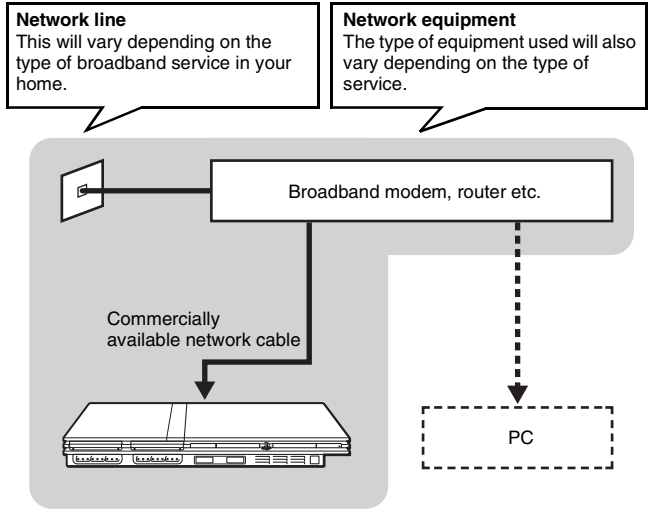
Notes

- You cannot play online games with this console using a dial-up or ISDN connection.
- USB connectivity from the External Network Device to the USB connector is not supported.
- There are two types of network cables: straight-through cable and crossover cable. Ensure that you use the correct type of cable when connecting your PlayStation®2 console to your Broadband Internet connection. Refer to the Instruction Manual supplied with the network device, or your Broadband Internet Service Provider for details.

Connecting with a network cable

You can connect the console to a network using an Ethernet network cable connected to the NETWORK connector on the console rear. You can connect to a 100 Base-TX or 10 Base-T network. Refer to the instructions supplied with the network device for details.

Basic network setup



Note

When connecting the console and a PC to the network, a network device such as a router or a hub may be required. Refer to the instructions supplied with the network device for details.

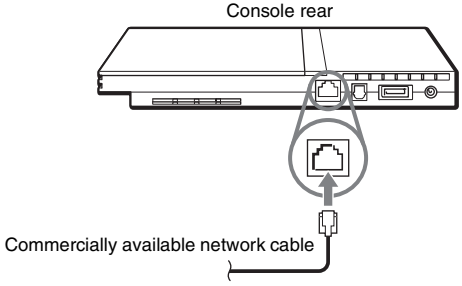
For more information on network setup, visit www.playstation.com

Connecting the console

⚠ Warning

Do not plug the AC power cord for the console into the electrical outlet until you have made all other connections.

1 Connect the Ethernet network cable to the NETWORK connector on the console rear.



2 Insert the connector on the network cable to the network device.

The connection method will vary depending on the network device. Refer to the instructions supplied with the network device for details.

⚠ Warning

Do not connect network cables or telephone cords of the following types to the network connector; too much electrical current may pass through the connector, causing a malfunction, excessive heat or fire in the connector:

- Standard residential telephone lines
- Network cables not appropriate for use with a 10Base-T/100Base-TX network
- Any ISDN (digital) compatible phone or data line
- PBX phone lines
- Other "unknown" types of telephone lines

Creating network settings

After you have connected a network cable to the console, you will need to create and save network settings. To do this you need a Network Access Disc supplied by registering your PlayStation®2 console. You can register your PlayStation®2 console by visiting www.ps2registration.com

Items you will need

To create a network setting, you will need the following items:

- A Memory Card (8MB) (for PlayStation®2) (sold separately)
- Login and network setup information provided by your Broadband Internet Service Provider

Note

Depending on the type of Internet service used, you may need to provide your Broadband Internet Service Provider with your MAC Address. You can find the MAC Address for your console listed in the Version Information screen (••▶ page 39).

Compatible software

You can play discs of the following types on the PlayStation®2 console:

Disc type	Disc logo
PlayStation®2 format DVD-ROM [12 cm, Silver]	"", PlayStation®2 logo and PAL designation
PlayStation®2 format CD-ROM [12 cm, Blue]	"", PlayStation®2 logo and PAL designation
PlayStation® format CD-ROM [12 cm, Black]	PlayStation® logo and PAL designation
Audio CD [12 cm, 8 cm]	COMPACT disc DIGITAL AUDIO
DVD-Video* [12 cm, 8 cm]	DVD VIDEO The "DVD VIDEO" logo is a trademark.
DVD-RW (VR mode) [12 cm, 8 cm]	DVD RW The "DVD-RW" logo is a trademark.

* Throughout this manual, the term "DVD-Video" is used to refer to DVD-R, DVD-RW (Video mode), DVD+R and DVD+RW discs.

About PlayStation®2 format CD-ROM and DVD-ROM, and PlayStation® format CD-ROM discs

The console can only play discs with the PAL designation. Discs marked with NTSC U/C , NTSC C or NTSC J cannot be played.

About DVD-Videos

- The console can only play discs recorded for the PAL broadcast standard. You cannot play discs recorded for other broadcast standards (such as NTSC) on this console (unless the NTSC disc displays the "ALL" label and an NTSC compatible TV is used).
- DVD-Videos are assigned a number (region code) for the geographic region in which the disc can be played. This console can only play discs marked with region code "4" (SCPH-77002 only), "2" (SCPH-77003 only) or "ALL".



(SCPH-77002 only)



(SCPH-77003 only)

About DVD-R, DVD-RW, DVD+R and DVD+RW discs

- Some discs may not be playable due to scratches, dust or problems encountered during recording.
- Only discs that have been "finalised" can be played.
- Sections of video recorded on CPRM (Content Protection for Recordable Media)-compatible DVD-RW discs or on CPRM-compatible DVD-R discs using the "copy-once" capability cannot be played on this console.

Music discs encoded with copyright protection technologies

The audio CD playback feature of this product is designed to conform to the Compact Disc (CD) standard. Recently, some record companies have started marketing music discs encoded with copyright protection technologies. Some of these music discs do not conform to the CD standard and may not be playable on this product.

About DualDiscs

A DualDisc is a two sided disc product which contains DVD recorded material on one side and digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Accessories

Optional accessories are available for this model of PlayStation®2 console. When using optional accessories, be sure to purchase those that are compatible with this model of PlayStation®2 console. Contact the appropriate PlayStation® customer service helpline which can be found within every PlayStation® and PlayStation®2 format software manual or visit www.playstation.com for details on the accessories that can be used with this model.

Accessories not compatible with this model of PlayStation®2 console

The following accessories are not compatible with this model of PlayStation®2 console:

Model number	Product name
SCPH-10350 E	Network Adaptor (Ethernet) (for PlayStation®2)
SCPH-1070 E	Multitap
SCPH-10090 E	Multitap (for PlayStation®2)
SCPH-10040 E	Vertical Stand (for PlayStation®2)
SCPH-10110 E	Horizontal Stand (for PlayStation®2)
-	Product that use the i.LINK™ S400 i.LINK connector

i.LINK and i.LINK logo "i.LINK" are trademarks.

About the DVD Remote Control (for PlayStation®2)

- This model of the PlayStation®2 console features a built-in IR receiver. When operating with a DVD Remote Control (for PlayStation®2) (sold separately), do not insert an IR receiver (for PlayStation®2) into a controller port of the console.
- When purchasing a DVD Remote Control for use with this console, choose one that does not include a separate IR receiver Unit.
- You cannot open or close the disc cover using the DVD Remote Control.

About Multitaps

Only the Multitap (for PlayStation®2) (SCPH-70120 E)* (sold separately) can be used with this console. Do not connect Multitap products with other model numbers to the console as this may result in damage to the console.

* You can use this product with both PlayStation®2 and PlayStation® format software titles.

GUARANTEE

GUARANTEE

Thank you for buying this Product. The term "Product" means the PlayStation®2 computer entertainment system together with the accessories and/or peripherals with which it is packaged. This Guarantee does not cover any software whether or not packaged with the Product.

Sony Computer Entertainment Europe Ltd ("SCEE") guarantees that this Product is free from defects in material and workmanship that result in Product failure during normal usage in accordance with the terms set out in below and will, for a period of 1 (one) year from the date of original purchase, repair or (at SCEE's option) replace any component part of this Product, free of charge, where it is faulty due to defective materials or workmanship. Replacement will be with a new or refurbished component or unit, at SCEE's option, which is guaranteed for the remainder of the original Guarantee Period.

The benefits conferred by this Guarantee are in addition to the statutory rights and remedies the consumer has in the UK and Eire in respect of this Product and this Guarantee does not affect such rights and remedies in any way. The benefits conferred by this Guarantee are also in addition to other rights and remedies which the consumer has in law in Australia and New Zealand in respect of this Product, including rights and remedies available under the Trade Practices Act 1974 and State and Territory legislation in Australia and the Fair Trading Act 1986 in New Zealand and this Guarantee does not affect such rights and remedies in any way.

This Guarantee is given to you by Sony Computer Entertainment Europe Ltd of 30 Golden Square, London, W1F 9LD, United Kingdom.

IMPORTANT

1. If you need to claim under this Guarantee, please call your local Customer Service helpline (listed in a PlayStation® and PlayStation®2 format software manuals) for return instructions and other guidance.
2. This Guarantee is only valid:
 i. in the United Kingdom, Eire, Australia and New Zealand; and
 ii. when the original sales receipt or invoice or other proof of purchase (indicating the date of purchase and retailer's name) is presented together with the faulty Product (and has not been altered or defaced since the date of original purchase); and
 iii. when the Guarantee seal and the serial number on the Product have not been damaged, altered or removed.
3. You may not claim under this Guarantee when the Product is damaged as a result of:
 i. commercial use, accident, fair wear and tear, negligence, abuse, or misuse (including, without limitation, failure to use this Product for its normal purpose and/or in accordance with instructions on proper use and maintenance, or installation or use in a manner inconsistent with applicable local technical or safety standards);
 ii. use in conjunction with any unauthorised peripheral (including, without limitation, game enhancement devices, adaptors and power supply devices);
 iii. any adaptation or adjustment to, or alteration of, the Product carried out for any reason, and whether properly carried out or not;
 iv. maintenance or repairs carried out other than by a SCEE authorised service facility; or
 v. use in conjunction with unauthorised software, virus infection, or fire, flood or other natural calamity.
4. To the extent permitted by applicable law, this Guarantee will be your sole and exclusive remedy in relation to defects in this Product and all other guarantees, warranties, terms and conditions, express or implied by statute or otherwise, in respect of this Product are excluded and neither SCEE nor any other Sony entity, or their suppliers or authorised service facilities, will be liable for any special, incidental, indirect or consequential loss or damage.

If this Product needs any repair which is not covered by this Guarantee, please call your local Customer Service helpline for advice. If your home country is not one of those listed, please contact your retailer.

Specifications

General

Power requirements	⟐ⓒ⟐ DC IN 8.5V
Electrical current consumption (approx.)	5.3 A
Console dimensions (approx.)	230 × 28 × 152 mm (w/h/d)
Console mass (approx.)	900 g
Signal format	PAL
Operating temperature	5 °C to 35° C
Inputs/outputs on the console front	Controller port (2) MEMORY CARD slot (2) USB connector (2)
Inputs/outputs on the console rear	NETWORK connector ⟐ⓒ⟐ DC IN 8.5V connector AV MULTI OUT connector DIGITAL OUT (OPTICAL) connector

AC adaptor

Power requirements	100-240 V AC, 50/60 Hz
Voltage/electrical current output (approx.)	8.5 V, 5.65 A
Adaptor dimensions (approx.)	60 × 28 × 124 mm (w/h/d)
Adaptor mass (approx.)	350 g

Supplied accessories

••▶ page 7

Design and specifications are subject to change without notice.

Copyrights

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

This product is manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. ©1992-1997 Dolby Laboratories. All rights reserved.

"DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

About national export control

This product may fall within the scope of national export control legislation. You must comply fully with the requirements of such legislation and of all other applicable laws of any jurisdiction in relation to this product.

About copy protection

Attempted copying of DVD's played on this device, may be prevented or restricted by copy protection technology contained on the DVD. Attempted recording or copying of DVD's for private use by the removal or circumvention of copy protection technology may be prohibited under applicable law.

About access control

This product incorporates access control technology. Use of software not specifically designed for this product (excluding DVD-Videos and audio CDs) and copies of software designed for this product are prevented by access control. Unauthorised transfer, delivery, display, export, import, or transmission of programs, devices, or the product modified with programs or devices, to defeat the purpose of this access control feature is or may be prohibited by law.

Troubleshooting

Go through this section if you experience difficulty in operating the PlayStation®2 console. Should any problem persist, call the PlayStation® service line at the number listed on your guarantee card for assistance.

Check the following items first:

- The console is turned on.
- The AC power cord is connected properly to the electrical outlet.
- The cables are correctly and securely connected.

Check also for the TV or monitor and other connected devices.

Picture

There is no picture on the TV screen.

➡ Check whether the I/⏻ (on/standby) indicator on the console front is lit up in red. If it is red, press the I/⏻ (on/standby)/RESET button to turn on the console (the I/⏻ indicator will turn green).

➡ Switch the input mode of the TV (or VCR) as appropriate for the connector in use on the console.

➡ Try using another compatible AV Cable. There may be a problem with the AV Cable in use.

➡ Set "Component Video Out" to "Y Cb/Pb Cr/Pr" in the System Configuration menu (••▶ page 38) when connecting the console to the component AV inputs on a TV. Use the supplied AV Cable (integrated audio/video) to make the setting, and then connect to the TV using the Component AV Cable (for PlayStation®2) (sold separately).

➡ Check that the inserted disc can be played with the PlayStation®2 console (••▶ page 45).

Picture noise appears on the TV screen.

➡ Check that the disc is clean and does not have any scratches. If the disc is dirty, clean it (••▶ page 6).

➡ If you move the console from a cold to a warm location, allow the console to adjust to room temperature before use.

➡ If moisture condensation occurs, remove the disc and do not use the console for several hours until the condensation evaporates (••▶ page 6).

➡ For some output connectors on a TV, the component video out setting needs to be set. Check that the correct settings have been made (••▶ page 38).

➡ Some PlayStation® format software titles may not perform properly on the PlayStation®2 console. For more information, call the PlayStation® service line at the number listed on your guarantee card for assistance.

➡ Some TVs may experience a bouncing effect in their pictures when using the PlayStation®2 console. If this happens, connect the console to another TV.

"The disc could not be read" is displayed on the screen.

➡ Check that the disc is placed in the console with the label side facing up (••▶ page 15).

➡ Check that the disc is clean and does not have any scratches. If the disc is dirty, clean it (••▶ page 6).

There is no picture or picture noise appears when playing a DVD.

➡ When playing a DVD, connect the console to the TV directly (••▶ page 10). If the video signal from the console is coming through a VCR to the TV, copy protection on some DVDs may affect picture quality.

➡ If the console is connected to a TV or cable* that does not support progressive scan (480p), no image will be displayed when you set "Progressive" to "On" in the Control Panel. Clear the "Progressive" setting (••▶ pages 30, 40). If picture noise appears when using a TV that supports progressive scan (480p), also clear the "Progressive" setting.

* The Component AV Cable (for PlayStation®2) (sold separately) is compatible with progressive scan.

➡ A DVD-R or DVD-RW disc that is not finalised cannot be played on the PlayStation®2 console.

➡ Content of a video recorded on CPRM-compatible DVD-R or CPRM-compatible DVD-RW discs cannot be played on the PlayStation®2 console.

➡ See also **"There is no picture on the TV screen"** and **"Picture noise appears on the TV screen"**.

The aspect ratio does not change even when playing the DVD with the aspect ratio setting adjusted and/or playing 16:9 pictures of a DVD.

➡ Depending on the DVD, the aspect ratio cannot be changed.

➡ Check that the console is connected to the TV directly. If there is a selector or receiver (AV amplifier) connected between the console and TV, depending on the type of device connected, the aspect ratio cannot be changed.

➡ Depending on the TV, the aspect ratio cannot be changed.

The size of the video image and the TV screen do not match.

➡ Set the aspect ratio to match your TV screen (••▶ page 37). If changing the setting does not work, try adjusting the aspect ratio of your TV. Refer to the instructions supplied with your TV for details.

Sound

There is no sound.

➡ Switch the input mode of the TV (or VCR) as appropriate for the connector in use on the console.

➡ Check that the TV volume is not set to "mute". Also check that the TV volume level is set properly.

➡ If the console is connected to an audio device, check the settings on the connected device. Refer to the instructions supplied with the device for details.

➡ Try using another compatible AV Cable (••▶ page 9). There may be a problem with the AV Cable in use.

➡ Some PlayStation®2 format software titles do not support audio output from the DIGITAL OUT (OPTICAL) connector. Connect the console to the audio device using an analog AV Cable, such as the supplied AV Cable (integrated audio/video) (••▶ page 9).

Sound quality is poor.

➡ Check that the disc is clean and does not have any scratches. If the disc is dirty, clean it (••▶ page 6).

➡ If you move the console from a cold to a warm location, allow the console to adjust to room temperature before use.

➡ If moisture condensation occurs, remove the disc and do not use the console for several hours until the condensation evaporates (••▶ page 6).

➡ Some PlayStation® format software titles may not perform properly on the PlayStation®2 console. For more information, contact the appropriate PlayStation® customer service helpline which can be found within every PlayStation® and PlayStation®2 format software manual.

There is no sound or the sound quality from the digital audio equipment is poor.

➡ Check that the disc is clean and does not have any scratches. If the disc is dirty, clean it (••▶ page 6).

➡ Set "Digital Out (Optical)" to "On" in the System Configuration menu (••▶ page 37).

➡ If playing a DTS audio track using an audio device with a built-in DTS decoder, check that the settings are correct (••▶ pages 33, 37). If the console is connected to an audio device without a built-in DTS decoder, select tracks other than DTS audio tracks to play.

➡ Some PlayStation®2 format software titles do not support audio output from the DIGITAL OUT (OPTICAL) connector. Connect the console to the audio device using an analog AV Cable, such as the supplied AV Cable (integrated audio/video) (••▶ page 9).

➡ See also **"There is no sound"** and **"Sound quality is poor"**.

Surround effect is not present when playing a DVD with a Dolby Digital audio track.

➡ Check that the console is connected to an audio device with a built-in Dolby Digital decoder using an optical digital cable.

➡ Check that the settings of the audio device are correct. Refer to the instructions supplied with the device for details.

➡ Set "Dolby Digital" to "On" in "Audio Digital Out" (••▶ page 33).

➡ For some DVDs with a Dolby Digital audio track, the output signal may not comprise the entire 5.1 channel range.

Operation

The controller does not function.

➡ If the software title is compatible only with the Analog Controller (DUALSHOCK®2), it will not work properly with the Analog Controller (DUALSHOCK®). Use a controller that is appropriate for the software title. Refer to the instructions supplied with the software for details.

➡ Check that the controller is set to the appropriate mode for the software. Refer to the instructions supplied with the software for details.

➡ Try using another controller that is compatible with the PlayStation®2 console. There may be a problem with the controller in use.

The console does not recognise the Memory Card. Data cannot be saved or copied to the Memory Card.

➡ Check that the Memory Card is compatible with the software in use (••▶ page 18).

➡ Check that the Memory Card is inserted securely (••▶ page 19).

➡ Check that you are saving the data correctly. Refer to the instructions supplied with the software for details.

➡ Data cannot be saved if there is not enough free space on the Memory Card.

➡ Try using another Memory Card. There may be a problem with the Memory Card in use.

Data saved on a Memory Card is corrupted.

➡ While saving, loading, copying or deleting data, do not attempt any of the following. Doing so may damage the data.

- Do not remove the Memory Card or the controller.
- Do not open the disc cover.
- Do not reset the console.
- Do not turn off the console.

➡ Corrupted data can be deleted in the Browser menu (••▶ page 19).

The console does not function properly.

➡ Static electricity and other similar occurrences may affect the console's operation. Turn off the console and unplug it from the electrical outlet. Then, replug and turn on the console by pressing the I/⏻/RESET button.

The I/⏻ indicator flashes in red and the console does not work.

➡ Do not use the console until the flashing stops. Placing the console in an extremely hot location or blocking the console's vents raises the internal temperature of the console, thereby preventing proper operation.

The console makes noise or shakes.

➡ Because PlayStation®2 format software titles load at a higher speed than PlayStation® format software titles, the noise or vibration may be greater.

The DVD does not play.

➡ Check that the DVD has the correct region code. Also check that the broadcast signal of the disc is compatible with the console (••▶ page 45).

➡ The Parental Control feature may be set on the disc. Follow the on-screen instructions and temporarily raise the level of Parental Control (••▶ page 32).

You forget your password.

➡ You can clear the password using the following procedure:

1 Start a DVD, and then stop playback.
Clear Resume Play (••▶ page 24). Use a DVD without the Parental Control feature.

2 At the Control Panel, select and then press the ⊗ button (••▶ page 22).

3 Select "Parental Control", and then press the ⊗ button.
The screen to enter a password is displayed. If the screen to register a password is displayed, no password had been registered before. In this case, register a new password.

4 Press the SELECT button.
The screen to clear the password is displayed.

5 Enter the number "7444".
The registered password is cleared, and the screen for registering a password is displayed. Enter a new password (••▶ page 31).

Some functions are not available.

➡ Depending on the DVD, some functions may not be available:

- Stop, Search, Slow, Program Play, Shuffle Play or Repeat Play may be prohibited.
- The audio language cannot be changed on discs that do not have multiple audio tracks. Also, some DVDs do not allow the audio language to be changed.
- If multilingual subtitles are not recorded on the DVD, you cannot change the language for the subtitles. It may not be possible to change the subtitle language or turn the subtitles off.
- If multiple angles are not recorded on the DVD, you cannot change the viewing angles. Changing the viewing angles may be prohibited.
- You can only select PLIST when playing a DVD-RW disc (VR mode). Check whether a DVD-RW disc (VR mode) is inserted in the console.

Some DVD settings cannot be changed.

➡ Some settings cannot be changed during playback or Resume Play (••▶ page 28). Stop playback completely or clear Resume Play (••▶ page 24) before attempting to adjust the settings.

Network

Connection to the network cannot be established.

➡ Check that the network settings are correct. Refer to the instructions supplied with the software or the information from your Internet service provider and adjust the settings accordingly.

➡ The network is busy. Wait a few minutes, and then try to access the network again.

➡ Check that the network cable is properly connected (••▶ page 43).

➡ Check that you are using the correct type of network cable.

➡ Check that the network settings or connections of the network device are correct. Refer to the instructions supplied with the network device for details.



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